

OXYGEN CHARGING OFFICER
CHECK OFF SHEET

NOTE: 1. This check off list must be complete and signed by the Oxygen Charging Officer prior to charging oxygen.

2. Provide adequate illumination for night charging operations.

3. Verify oxygen purity of delivered oxygen by reviewing receipt document.

1. Conduct a pre-operation brief with all oxygen charging personnel. NAVDIVESALVTRACEN oxygen-charging personnel will include oxygen-charging officer, oxygen-charging petty officer, and any personnel qualifying. NOTE: Disc is changed to include duty corpsman. All supervisory personnel shall concur that all equipment, precautions, and procedures are adequate for conducting charging operations.

OXYGEN-CHARGING OFFICER/DATE

2. Ensure that all facilities, tools, protective equipment, and clothing that are to be used during the transfer are free of grease, oil, rags, wood, metal chips, and other foreign materials.

OXYGEN-CHARGING OFFICER/DATE

3. Provide non-spark producing, oxygen clean equipment, tools, and instruments for oxygen-charging personnel. (Only nonspark-producing oxygen clean tools are to be used for connecting and disconnecting of oxygen transfer lines)

OXYGEN-CHARGING OFFICER/DATE

4. Verify that all flask pressures have been updated on gas farm status boards.

OXYGEN-CHARGING OFFICER/DATE

5. Raise "BRAVO" flag.

OXYGEN-CHARGING OFFICER/DATE

6. Notify CSS fire department that oxygen charging preparations are in progress and estimated start time.

OXYGEN-CHARGING OFFICER/DATE

7. Remove all combustible materials within 50 feet of the charging connections. Post "no smoking" signs in prominent areas around the charging station. Rope off a 50 foot radius area, with posted signs excluding any personnel not directly involved with oxygen charge, and conduct a fresh water wash down of this area.

OXYGEN-CHARGING OFFICER/DATE

8. Ensure all unauthorized personnel are excluded from roped-off areas, trainees under instruction have proper authorization and supervision.

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9. Provide adequate, approved firefighting agents (water for open areas; carbon dioxide for enclosed spaces) at the perimeter of the charging area.

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10. Wash down the ground within 15 feet of the oxygen charging connection, and wash the back of the oxygen tube truck using the fire hose (fresh water only).

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11. Conduct gross cleaning of the source connection and

receiving connection.

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12. Verify that the oxygen cleanliness worker has conducted a precision cleaning of the tube truck and charging panel connections, and that a black light inspection was conducted and documented on a test and inspection form.

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13. Visually inspect the charging line assembly and the end connections to ensure that polyethylene bags are not torn (or end caps are in place), end connections are not contaminated, and objective quality evidence (oxygen clean tag) is affixed to the whip. Witness the removal of all bags and FME plugs on the charging whip, ensuring that charging whip's cleanliness has been maintained.

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14. Verify that a ground strap has been connected from the source connection to the charging station and that an electrician has obtained a reading of 1 ohm or less.

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15. Connect charging line assembly. Ensure that new, clean "in kind" software is replaced where required and all fittings are torqued in accordance with the fitting/size and documented on a QA form (Controlled Assembly Report).

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16. Establish communication between all oxygen charging stations.

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17. Calibrate oxygen leak detection and monitoring instruments and station them in any enclosed space of manifolds, the pump room, enclosed flasks and cylinder stowage areas.

OXYGEN-CHARGING OFFICER/DATE

18. Verify that the charging line and system has been purged and contains the correct percent of oxygen to be transferred.

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19. Report to the Commanding Officer that all preparations are in compliance with this checklist and obtain permission to begin O.P. 1.1, the oxygen charge start-up.

OXYGEN-CHARGING OFFICER/DATE

COMMANDING OFFICER/DATE

20. Inform the quarterdeck to pass the following word throughout the command; "Attention in the command, attention in the command, there is an oxygen charge in progress. Do not charge batteries, paint, conduct hot work, or fuel while the oxygen charge is in progress in the vicinity of (circle one) the gas farm, YDT-17, YDT-18." (Pass word every 15 minutes in non-classroom spaces.)

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